SPE NEWS BULLETIN

Issued Monthly to all Members of the Society of Plastics Engineers

October 1945

Candidates Nominated for National Directors

The Nominating Committee has submitted the following candidates from whom four Directors are to be elected to serve on the Council for three years, beginning on January 1, 1946:

R. G. CHOLLAR
B. C. STUPP
Miami Valley (Dayton) Section

R. B. BOWER
A. C. WALL
Indianapolis Section

H. R. MARSHALL
P. R. MARVIN
Milwaukee Section

J. H. DUBOIS
C. F. FROSCH
Newark Section

Under the By-Laws of the Society, adopted early this year, two candidates are nominated from each of four Sections, making a total of 8 candidates. These names will be arranged on the ballot in four pairs, according to Sections, and each voting Member will indicate his choice of one in each group, or, in other words, will vote for four.

Although four new Directors are elected each year, only three retire this year and next. After next year, four Directors will retire each year. By this means, the Council is enlarged from nine to twelve members without disturbing the rotation of terms. The three Directors retiring

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S. P. E. National Annual Meeting and Plastics Exhibit

A Plastics Exhibit, to be a part of the first postwar National Annual Meeting at the Rackham Memorial Building in Detroit on January 7, 8 and 9, 1946, was approved by the National Council on August 29.

The choice of Detroit for the Meeting and Exhibit is a recognition of the city as an important center of the plastics industry, particularly from the engineering viewpoint. The eyes of the entire automotive industry will be on Detroit the week of the Annual Meeting and Exhibit since the Society of Automotive Engineers will also be meeting the same week.

The Council further recognized that Detroit has the finest engineering building in the world in the Rackham Memorial Building. This building is the headquarters of the Detroit Engineering Society with which S.P.E. is associated in Detroit. Located about halfway between downtown and the General Motors Building, on Woodward Avenue in the Art Center of Detroit, it is easily accessible from any part of Detroit. The building has an ample parking space, large and small auditoriums of the best design, Exhibit Hall, and meeting rooms.

The Council believes that S.P.E. can well serve the Plastics Industry by placing emphasis on the proper engineering and design of plastic products. All Exhibitors are being urged to stress engineering and design procedures and techniques. It was further believed that visiting technical men and the public should have access to the Exhibits so these principles and their applications could be passed on to them.

In this first postwar Plastics Exhibit manufacturers are exceedingly anxious to display pent-up improvements to the S.P.E., S.A.E. and the automotive public. Space in the Rackham Memorial is limited but is particularly well suited for display of materials, parts and products. An attendance of at least 10,000 is expected at the Exhibits.

The Technical Program of S.P.E.

(Continued on Page 2)

Sasso Speaks to Chicago Section

The Chicago Section heard John Sasso Managing Editor of Product Engineering at their dinner meeting on Sept. 11, 1945. Mr. Sasso, co-author and author of recognized plastics books and articles spoke on "Plastics for the Products Engineer", pointing out uses and proposed uses of plas-

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Fred Conley Elected Life Member

Mr. Fred Conley of Detroit Section has been elected the first Life Member of the Society by a unanimous vote of the Council. This honor was conferred upon Mr. Conley in recognition of his untiring efforts in organizing SPE and his continued intense interest in the welfare of the Society. Mr. Conley was the first President of Detroit Section and the first President of the Society, and he is now serving on the Detroit Section Board of Directors.

A special Life Membership Certificate was presented to Mr. Conley by Bill Hoey at the June meeting of Detroit Section. The action of the Council had not been announced previously and the presentation of the Certificate came as a complete surprise to Mr. Conley.

Fred Conley operates the F. Conley Company, Stephenson Building, Detroit, and has been identified with plastics for many years. He is widely known in Detroit and throughout the plastics industry.

NEWS EDITORS, ATTENTION!

Copy for the November NEWS BULLETIN must be in the hands of the Chairman of the Publications Committee by October 25th. Each Section Editor, appointed by the Section President, will have allotted space for about 400 words in each issue. The material particularly wanted regularly includes: (1) date and place of next month's meetings; (2) name of speaker and subject; (3) report on last meeting with copy of prepared talk (complete when the Program Chairman considers it eligible as a Technical Proceeding, otherwise a digest can be sent); (4) names and connections of new members; (5) news of activities of Professional Activities Sub-Committees including reports of progress on tentative specifications; (6) general news of Chapter activities and; (7) personal items about members.

The Section Editor may send material at any time during the month, earlier than the deadline, the 25th of the month is desirable. Send all material for the NEWS BULLETIN to Thomas E. Orr, Chairman, Publications Committee, 8506 Lake Ave., Cleveland 2, Ohio.

SPE NEWS BULLETIN

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Under the Direction of Thomas E. Orr, Chairman National Publications Committee
8506 Lake Ave., Cleveland 2, Ohio

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3269 Lansmere Road, Cleveland 22, Ohio

News of the Buffalo Section

The Buffalo section under president Dr. Norman E. Wahl of the Curtis-Wright Research Corp., has been showing an excellent growth for a new section. At the board meeting August 13, the following new members were elected:

Carrol A. Brinkert of the Rudolph Wurlitzer Co. Lawrence E. Fisher of Owens Corning Fiber Glass Co. Herman Green of Curtis-Wright Research Corp. Irving Schultze of the Elixor Manufacturing Co.

Toledo Section Hears Dr. Nason

Dr. H. K. Nason, Director of Development for the Monsanto Chemical Co., spoke at the first Fall meeting of the Toledo section of the S.P.E. on "Trends in the Functional Utilization of Plastic Materials". The meeting, held September 21 at the Toledo Yacht Club, was preceded by a dinner.

Exhibits

(Continued from Page 1)

will cover three days both morning and afternoon. Nationally - known speakers in the fields of the Professional Activity Groups will prepare and deliver papers on Materials, Laminates, Tool Design, Coatings, Consumer Specifications, Molding Technique and Product Design.

This meeting and exhibit will be held under the direction of the National Meetings Committee of which Thos. E. Orr of Cleveland is General Chairman, with George Graves of Detroit as Vice-Chairman. Sub-committees are listed below:

Speakers Committee..John A. Mickey
Exhibits Committee....W. R. Walsh
Registration Committee.....
.....C. H. Whitlock
Reception Committee..Chas Hamilton
Publicity Committee....Fred Conley
Operations Committee....L. D. Lamb
Hotel Committee....Harry McGowan
Program Committee.....Paul Jensen
Banquet Committee.....Phil Robb
Secretary and Treasurer.....
.....S. D. Hiltebrant Jr.

This Committee is devoting its energy to make this S.P.E. National Meeting and Plastics Exhibit the very best and most instructive ever held. We urge each Section and each individual member to further the objectives of S.P.E. by doing his best to promote this meeting.

President's Message

The big news this month is the SPE PLASTICS EXHIBIT to be held in Detroit next January 7, 8, and 9, in conjunction with the Annual Meeting of the Society. SPE was the first organization to sponsor a plastics exhibit — October, 1943, in Detroit — and this activity should be an annual function of the Society. Tom Orr is Chairman of the Meetings Committee, and he and his helpers are rushing plans for the big, double-feature event, the Annual Meeting and Plastics Exhibit. Don't forget the dates, and start planning now to be there.

Another important news item in this issue of the News-Bulletin is the report of the Nominating Committee, giving the names of the Candidates for the Election of Directors of the Society. The Committee used excellent judgment in making their nominations; all of the candidates are outstanding and capable individuals, and all of them are intensely interested in SPE affairs. Vote for the four candidates you think best, but vote; and be sure to mail your ballot promptly.

Those SPE ring binders — for the Technical Proceedings — are still "on order". They were ordered last February, and the manufacturer has continued to explain that the metal parts were unobtainable, due to war restrictions. With the release of steel for civilian uses, we have turned on the heat and hope to get some action in the very near future.

The Publications Committee has issued a brochure for distribution to prospective members of the Society, and a supply of them has been sent to each Section; also, all Sections have now been supplied with the new Membership Application Forms, according to the Secretary.

Sorry. The May-June-July issue of the News-Bulletin was a little late; in fact, more than a little. It should have been labeled as the September issue. The circumstances were beyond the control of the Publications Committee. The copy was in the printer's hands in June. He made promise after promise, but failed to keep any of them. In desperation, the Committee was finally successful in finding another printer, and if he will stay with us, the N-B will be in your hands regularly each month.

John Mickey, Chairman of the Professional Activity Groups, is working hard to get the various Groups started on technical projects this fall. The Professional Activity Groups should be the heart of the Society. They can be, but it is up to each of us members to make them so. The greater the number of members participating, the more each member will derive in return. Every member of the Society should take part in at least one Activity.

W. B. Hoey, National President.

New Section Formed in Northwest Pennsylvania

This is the initial contribution to the S.P.E. News Bulletin, of a newly formed Section. Known as the Northwestern Pennsylvania Section, it covers principally Erie and the surrounding middle sized towns which have become well known in plastic molding and tool making activities in particular.

The Northwestern Pennsylvania Section found its inception in an organizational meeting arranged by Mr. L. S. Shaw, National Secretary-Treasurer of the Society, and held at the Hotel Corry, Corry, Pennsylvania. This location was selected as the center of gravity of the towns on which the Society hoped to draw for Section membership. The Society was gratified to note the attendance of 17 prospective members, in addition to several others who were absent but accounted for. Mr. Shaw introduced Dr. Norman E. Wahl, President of the Curtiss Wright Research Laboratory in Buffalo and President of the Buffalo Section of the S.P.E. Mr. Shaw gave those present a discussion on the formation of this comparatively new Section, its organization, its purposes, and eligibility for membership. Dr. Wahl offered additional comments and discussed the formation and present status of the Buffalo Section. The date of this meeting was August 24.

The following have been elected Directors in the Council of the Northwestern Pennsylvania Section:

Mr. S. J. Myers—Warren Plastics, Warren, Pa.
Mr. Edwin Roberts—General Electric Co., Erie, Pa.
Mr. J. Williams—Talon, Inc., Meadville, Pa.
Mr. Kenneth Rouzer — Presque Isle Plastics, Erie, Pa.
Mr. James Murphy—Erie Resistor Corporation, Erie, Pa.
Mr. O. V. Johnson—Johnson Tool & Die, Erie, Pa.
Mr. W. O. Bretschneider — Erie Register Corporation, Erie, Pa.
Mr. F. Wachter — National Erie Corporation, Erie, Pa.
Mr. P. C. Roche—Nosco Plastics, Erie, Pa.

The following officers have been elected to hold office until 1946:

President—W. O. Bretschneider
Vice President—F. Wachter
.. Secretary—P. C. Roche
Treasurer—K. Rouzer

The first regular meeting of the Section is to be held at the Hotel Corry on September 27. Arrangements have been made for Mr. Warren V. Prince of Cleveland to address the Plastics Group on this occasion. This speaker is President and Chief Engineer of the Prince Industrial Plastics Corporation. In his 10 years of activity in the field of plastics, Mr. Prince has written 18 published

technical articles on the engineering and production aspects of plastics. Prior to organizing his own company, Mr. Prince was Manager of the Plastics Division of the Weatherhead Company in Cleveland. At the present time, he is instructor in Industrial Plastics at the John Huntington Polytechnic Institute and a monthly contributing editor of Industrial Plastics Magazine. Mr. Prince has been active in S.P.E. activities, having served as last year's Vice Chairman of the Cleveland Section, last year's Chairman of National Publications Committee, in addition to being the originator of the monthly Society of Plastics Engineers News Bulletin. His interesting subject will be "Pitfalls in Plastic Product Design". His talk will be illustrated appropriately with slides, pictures and specimens and will cover such pertinent topics as techniques of dimensional control, limitations of contour and dimensional design, the right and wrong in thread design, establishment of tolerances, problems with molded inserts, and dangers in selecting improper material. A large attendance of members and guests is anticipated on the occasion of this first regular meeting, an invitation having been extended to the local sections of other technical societies to be with the S.P.E. Group to hear the speaker.

An item of interest to the plastics industry is offered as sectional news. Presque Isle Plastics, located at 2730 West 12th Street, Erie, Pa., has been formed with Mr. William J. Phillips as President, C. J. Denmark as Treasurer and Mr. Kenneth A. Rouzer as Manager. Mr. Rouzer is well known in the plastics field, having been active in injection and compression molding for 10 years while associated with Erie Resistor, Cardinal and Firestone Tire and Rubber Company. The new company plans to specialize in injection molding work involving comparatively large castings of 8 ounces or greater.

Newark Hears Egmont Arens

The first regular meeting of the Newark Section for the 1945-46 season will be held at the Newark Athletic Club in Newark, New Jersey on the evening of October 10, 1945. The speaker of the evening will be Mr. Egmont Arens of New York who is well known in the field of industrial design. The title of his talk is "The Industrial Designer Looks At Plastics". The subject matter will cover some of the more important considerations in creative design and product engineering of plastics with respect to the consumers viewpoint. Slides, some of which will be colored, will serve to illustrate more clearly some of the more important considerations. The talk should be of considerable interest and value to plastic engineers. An audience of at least 150 is expected.

Mr. James Bailey of the Plax Corporation gave a very interesting talk on "Some Problems Dealing With the Extrusion and Blow Molding of Thermoplastics" at the last meeting of the Newark Section on June 6. 1945. An analysis was given of the effects of die design, temperatures, material properties, cooling, etc. on machine and product construction. A very enthusiastic general discussion followed with the speaker answering questions from the floor.

At the present time we have a membership of about 70 with an attendance of about 125 at the general meetings held to date. It is expected that the membership will increase greatly during the coming season since this area is rich in plastic engineers. The general meetings are scheduled for the second Wednesdays at the Newark Athletic Club.

During the coming season we have planned a series of consecutive talks on plastics from creative design to the final product. Mr. Henry M. Richardson, Consulting Engineer from Springfield, Mass, will be the main speaker at our November 14th meeting which will be devoted to the considerations involved in the selection of a plastic material for the particular part. The series will follow in sequence at subsequent meetings with mold design, injection molding, compression and transfer molding, extrusion molding, drawing and post forming, low and high pressure laminates and finally a general survey of the previous subjects with a consideration of future trends in plastics. The speakers and exact title for these subjects have not yet been determined.

Philadelphia to Organize

The Steering Committee of the new Philadelphia Section of the Society of Plastics Engineers, Inc. held a meeting September 10th and elected: R. B. Bishop, President and Director, Socony Vacuum Oil Co.; R. V. Beshgetoor, Vice President and Director, General Electric Co.; R. L. Foote, Treasurer and Director, Synthane Corp.; J. C. Graf, Director, Wm. Sellers & Co.; Edmund Greene, Director, Rohm & Haas Co.; H. D. Haley, Director, American Viscose Co.; P. L. Skoglund, Director, Chicago Molded Products Co.; R. F. Warren, Jr., Director, Barrett Div., Allied Chemical & Dye Corp.

Suggestion for SPE 101-T

The proposed test for Determination of Flow Properties of Laminating Materials, published in the directory issue of the News Bulletin, has called forth some comment. H. R. Pancoast of the St. Louis Section suggests that the test be limited to sample pieces die cut 3" in diameter, and that the flash be sheared off with the same die used in cutting the samples. A ⅜" diameter locating hole in the center of the sample would accurately locate the cured piece in the die.

Personals

Harold F. Stose has resigned from the research department of Owens Illinois Glass Co. at Toledo, to accept the position of assistant director of research with the American Chicle Co., 30 Thomsen St., Long Island City. Mr. Stose will make his home at 4216—202 St., Bay Side, Long Island. He has been transferred to the Newark, New Jersey section of the S.P.E.

Warren V. Price is now president of the new Prince Industrial Plastics Corp., which is setting up equipment at 7400 Stanton, in Cleveland. Warren, who was until recently in charge of the plastics department of the Weatherhead Co., is a director of the Cleveland section and a member of the national S.P.E. Publications Committee. Warren has been tops in the number of new members brought into Cleveland section. If he gets plastics orders like he gets members he will have to set up more machinery.

Dr. F. M. Whitacre, professor of Chemistry at Case School of Applied Science, where he was in charge of the plastics laboratories, has resigned to accept a position as assistant to Mr. Schieffelen, president of the Schieffelen Co., Pharmaceutical Chemists, at 1630 Cooper Square, New York City. Dr. Whitacre thus becomes director of research and development at one of the oldest pharmaceutical houses in the country. He will be missed at Case School, where he was recently promoted, and equally missed by the Cleveland section of the S.P.E. where he is vice-president and chairman of the Program Committee. Dr. Whitacre is purchasing a home in Bay Side, Long Island.

Oscar P. Bowles of the Cleveland section, formerly research chemist in film development for Goodyear Tire and Rubber, is now chemist for David E. Kennedy, Inc., 58 Second Ave., Brooklyn, N. Y., where he will work on plastic flooring. Mr. Bowles will retain his Cleveland membership, but at the rate members are moving into the New York area, there should soon be a strong nucleus for the formation of a new section there.

Jack Sandler, formerly of the Detroit section and now with the Newark, N. J. section, is chief plant engineer for Aircraft Parts, Summit, N. J. Mr. Sandler advises that his company has changed its name to Hungerford Research Corp., and has moved a few miles away to a new plant at Murray Hill, N. J. Mr. Sandler resides at 55 Randolf Place, South Orange, N. J.

Noah L. Butkin of H. Kramer & Co., 1343 W. 21 St., Chicago, Illinois, who has been located at Indianapolis for the same company, recently trans-

ferred to Cleveland and now has his office at room 740 Leader Bldg., Cleveland 14, Ohio. His membership has been changed from the Indianapolis to the Cleveland section.

Patrick B. Zazzara, formerly with Molded Products Co. of Chicago is now associated with the Jersey Plastic and Die Casting Co., 74 Richmond St., Newark 3, N. J.

Quite a few Detroit members have recently transferred membership to other sections of the S.P.E. Transferred from the Detroit section to the Miami Valley section at Dayton, Ohio, are:

G. W. Carpenter; Tennessee Eastman Corp., 305 Third National Bank Bldg., Dayton 2, Ohio.

George F. Waite; Standard Molding Corp., 460 Beacon St., Dayton, O.

Dewitte M. Yost; Sorg Paper Co., Middletown, Ohio.

Barnard C. Stupp; Delco Products Division of General Motors, 329 E 1st St., Dayton, Ohio.

From the Detroit section to the Buffalo section, are:

Alan A. Sim; Norton Laboratories, Lockport, N. Y.

Harold S. Valentine; Norton Laboratories, Lockport, N. Y.

C. C. Pickerine, Jr.; Durite Plastics, Inc., 67 Lexington Ave., Buffalo 9, N. Y.

From the Detroit section to the Newark section

Robert J. Metzler; Hercules Powder Co., Wilmington, Delaware.

Transferred from the Chicago section to the Buffalo section:

Earl A. Russell; Spaulding Fibre Co., Tonawanda, N. Y.

Edward F. Borro; Durex Plastics & Chemical Co., North Tonawanda, N. Y.

C. W. Cleworth, of the Cleworth Publishing Co., 551 5th Ave., New York City, formerly with the Chicago section has joined the Newark section.

Robert W. Zarine and R. L. Davis of the Continental Can Co., Cambridge, Ohio, have transferred membership from the Indianapolis section to the Central Ohio section at Granville, Ohio. Ronald D. Beck, also at Continental Can, is from the Cleveland section.

Oscar P. Bowles, formerly of the Goodyear Tire & Rubber Co., is now affiliated with the David E. Kennedy Inc., 58 Second Ave., Brooklyn, N. Y.

Joseph M. Gordon of Lion Mfg. Co., 2640 Belmont Ave., Chicago, Ill., is now located in the New York office, 479 Sixth Ave., New York 17, N. Y.

Rector at Buffalo Section

The Buffalo Section scheduled Mr. Clinton Rector of Catalin Corporation for their meeting at Hotel Westbrook, Sept. 28, 1945. The new film "Selection of Molding Materials and Product Design", by Bakelite Corporation, is to be shown.

Sasso in Chicago—(From Page 1)

tics in industry. Questionnaires sent to engineers and manufacturers indicate uses of plastics materials. Following Mr. Sasso's talk, Col. George D. Gaw, founder and director of the Color Research Institute of America spoke on "Color in Industry". Col. Gaw is a pioneer in introducing the use of color power in industrial plants, industrial products, packaging advertising and in all public relations. His discussion of practical and psychological uses of color was very interesting and instructive.

The audience was one of the most attentive we have ever had. J. O. Reinecke, chairman of the Program Committee, is now making preparations for a good meeting in October.

Miami Valley News

The Miami Valley Section is one of the newer sections in the organization. The group, with the center of their activity at Dayton, was organized by approximately 15 charter members in 1943 as the Miami Valley Plastic Engineers. Interest was stimulated and meetings organized for the first Thursday of each month. The organization grew to the present membership of 45 and with the membership still growing. In the spring of 1945 discussion was opened on the possible advantages of joining S.P.E. The group voted in June of this year to join the National Organization. We applied to S.P.E. and were accepted as the Miami Valley Section.

The first meeting of the 1945-46 year was held as a dinner meeting Thursday evening, September 6, at the Van Cleve Hotel in Dayton. The speaker at this meeting was Mr. Carl Whitlock of the Mosanto Chemical Company who spoke on "Relationship of Molding Materials to Mold Design". Mr. Whitlock presented a very interesting discussion in which he emphasized the necessity of providing time to plan a job thoroughly from the material, tooling, and molding aspects.

Mr. Chollar, President of the Miami Valley Section, discussed briefly the plans of the National Organization and our section for the coming year. He announced the appointment of chairmen for two technical committees to parallel the national activities. These appointments were as follows:

Laminating Committee — V. E. Calvin, Cincinnati Industries Inc., Cincinnati, Ohio.

Coatings Committee—B. K. Green, The National Cash Register Co., Dayton, Ohio.

Mr. G. W. Waite, Chairman of the Program Committee, announced the speaker for the next meeting on October 4 at the Engineers Club. Mr. Waite has obtained Mr. John Sasso as speaker for that date. Mr. Sasso is a well known author on plastics since in addition to being managing editor of the magazine "Product Engineering", he has written several articles and books on plastics including "Plastics for Industrial Use" and "Plastics in Practice". The material presented by Mr. Sasso is in such terms that both the technical man and the layman can comprehend it. Mr. Sasso has described the plastic industry from the viewpoint of the steel and other engineering material industries.

A diversified program for the year is being planned by Mr. Waite to provide information to the members on all fields and phases of plastics. On the social side, a dance is contemplated for later in the year. A membership drive is also in progress under the direction of Mr. B. C. Stupp.

The Miami Valley Section enters its first year in S.P.E. with hopes of becoming one of its outstanding and most progressive sections.

Candidates—(From Page 1)

on December 31, 1945 are W .B. Hoey, N. J. Rakas and L. S. Shaw.

Ballots will be mailed by the Secretary to all Members in good standing on or before November 1, and they should be marked and returned promptly. The polls close at 12 o'clock noon on December 3.

Indianapolis Section

Indianapolis Section announces two sound movies, "Selection of Materials", and "Product Design" for the October meeting. These films, produced by Bakelite Corporation, will supplement the speaker, still unannounced at press time. Place of meeting is Columbia Club, dinner at 7 P. M., and meeting at 8 P. M., Friday, October 19.

The meeting held on September 21 was attended by 18 members and 18 guests who heard R. W. Kolderman of Dow-Corning Corporation speak on "Silicones". Slide projections showing progress on the various types of silicones to date accompanied the interesting and thorough discussion. It was believed that this was one of the most successful meetings ever held by this chapter.

Plastic Industries Gets New Plant

Plastic Industries is moving its injection molding plant to Kent, Ohio from 160 Northfield Road, Bedford, Ohio, and is installing new equipment. Michael L. Thornton is vice president and general manager.

The Cleveland section has elected three new members, all of them from Goodyear Tire and Rubber Co. of Akron. They are: Lawrence A. Bedford, 1110 Laird St., Akron, Ohio. Robert McCutcheon, 1035 Emma Ave., Akron, Ohio. LaVerne E. Cheyney, 880 Hartford Ave., Akron, Ohio.

Associate member Nowell Sodders of the Cleveland section has been elected to full membership.

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